

After review and study of the topic Broadband over Power Line Systems (BPL) for months, I would offer my limited comments for consideration.

First, the ability to move information and energy from one location to another is not new. Means have been developed to move information at higher rates using other means, as examples cable, wireless, and fiber. One has to have some type strand running from one place to another for BPL to function with the associated additional amplifiers and equipment which are not in place for traditional power transmission. It would appear that using more efficient methods than BPL would be superior in all aspects.

Second, various portions of the electromagnetic spectrum have unique properties. These properties are not present anywhere else. Allowing the contamination and pollution of the High Frequency and Shortwave spectrums would appear to be irresponsible and not in the best interest of society. Your regulatory responsibilities would appear to obligate you to preserve those electromagnetic assets.

Third, currently, the technology is largely proprietary and thus not subject to peer review and scientific scrutiny. That leaves much unanswered and subject to the interpretation of a few who may desire to use the technology for profit without proper review and study.

In conclusion, it appears that Broadband over Power Line Systems are an inferior method of moving information when compared to current methods, and that Broadband over Power Line Systems degrade valuable electromagnetic spectrum. This combination cannot be in the best interest of society and should not be licensed.